SKYTRON

NT25

NAUTILUS SERIES • SURGICAL LIGHTS

FULL 360° ROTATION CAPABILITY FOR BOTH LIGHTHEAD AND RADIAL ARM ASSEMBLY

FOUR NON-STERILE POSITIONING HANDLES

AUTOMATIC RESERVE BULB CHANGE OVER

HIGHLY VISIBLE BULB CHANGE INDICATOR LIGHT

VSRD ADVANCED OPTICS AND REFLECTOR DESIGN

STERILE POSITIONING AND PATTERN ADJUSTMENT HANDLE

110° VERTICAL ADJUSTMENT

WALL CONTROL

INTRODUCTION

SKYTRON's Fixed Focus Nautilus Series with ADVANCED Vertical Segmented Reflector Design (VSRD) and swirl lens provides Superior Shadow Control and Extended Depth of Field. Typical applications include General, Orthopedic, Plastics, Micro Surgery, Cardiovascular, OB/GYN, Trauma and Urology.

TECHNICAL DATA

Electrical: 120v, 60 Hz, 1 phase
Power Consumption: 170 watts (578 BTU/hr)
Amperage: Approximately 1.5 amps, fuse protected.
Intensity: 11,000 fc (120,000 lux)
Color Temperature: 4,000°K
Beam Temperature: Less than 25,000 microwatts per sq. centimeter as recommended by the I.E.S. handbook.
Current Leakage: Less than 100 microamps
Bulb Type: Halogen 24v/170w
Fixture Weight: 129 lbs.
Moment Load: 490 ft. lbs.

ACCESSORIES

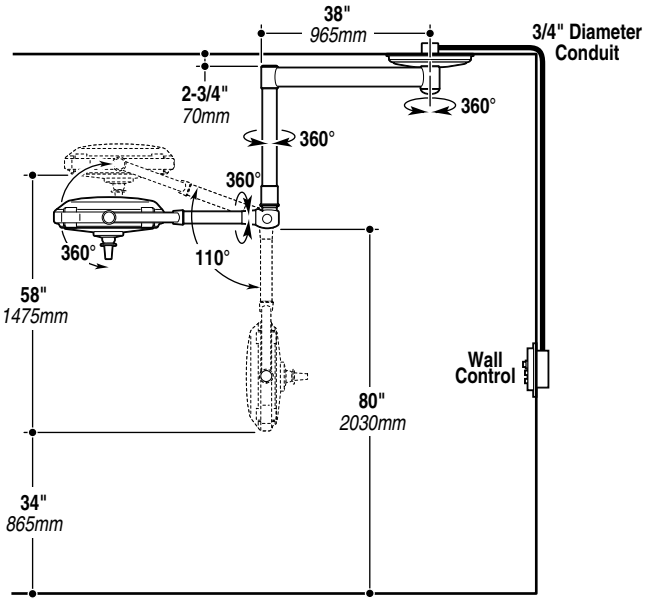
Wall Mounted Intensity Control provides intensity adjustment according to surgeon's requirements to assure maximum performance. Required, priced separately.

ARCHITECTURAL SPECIFICATIONS

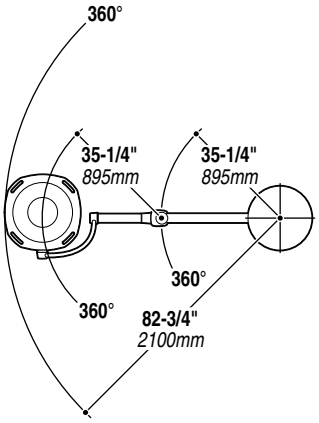
Surgical lighting system shall consist of a radial arm mounted 25" diameter lighthead equipped with a sterilizable pattern adjustment and positioning handle as well as non-sterile positioning handles. Total system output is to be 11,000 foot-candles at a color temperature of 4,000°K. The system is to be designed with one primary bulb and one reserve bulb. An automatic bulb change-over system shall be provided to eliminate the need to change bulbs during surgery. Wall Control is to have an indicator/reset system to indicate reserve bulb operation. Bulb is to be 24v, 170w Halogen type. System design is to provide cool, color-corrected light that is diffused evenly over the surgical site for optimum shadow reduction. System shall be SKYTRON Model NT25.

NT25

ELEVATION VIEW



PLAN VIEW

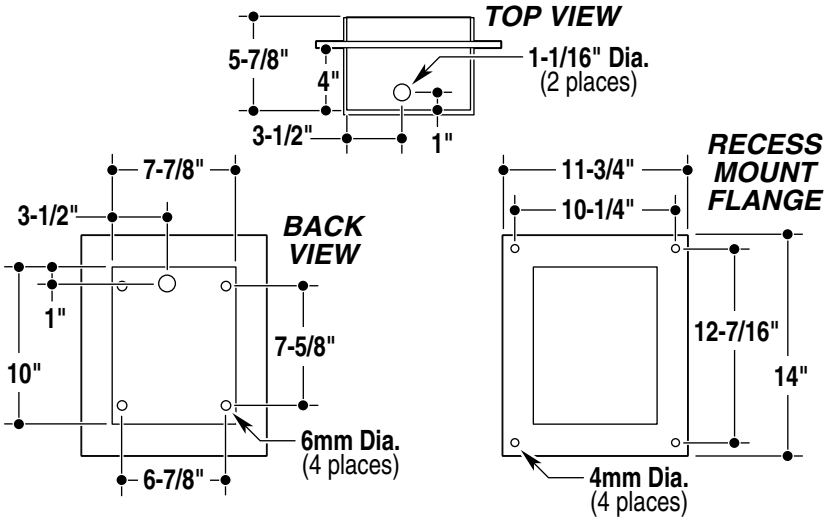


Minimum Ceiling Height: 8' 3". Consult your SKYTRON representative for lower ceiling heights and special applications.

REFER TO APPROPRIATE MOUNTING STRUCTURE GUIDELINE

- **STANDARD MOUNTING STRUCTURE GUIDELINE**
- **SPECIFIC SEISMIC CALCULATIONS IF APPLICABLE**

WALL CONTROL



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